

X-AIR C180E

Smart Ceiling Mounted Heat Recovery Unit **with enthaply**

OXYGEN

Just like breathing

Next generation ventilation units easy to install, easy to use.



Compact design - only 27.2 cm

Integrated adaptive pre-heater

87.9 % heat recovery

Suitable up to 80 m²

Easy to replace filters

Lightweight

Moisture recovery

Antifreeze protection

Boost, fire alarm, away

Unique energy-saving algorithm

Energy recovered by



Compact design



Easy to install



Smart management



Retains humidity



Comfort & Well-being



Energy efficient



EcoDesign compliant



Best quality



Intelligence that helps you breathe easier

Forget complicated buttons – simply control your OXYGEN heat recovery unit with the smartphone app or a modern, color touchscreen LCD control panel.

1 unit = 1 tree



We plant a tree in the OXYGEN forest for every heat recovery unit purchased. We take care of the trees so they take care of fresh air for us.

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Technical specification

Specific energy consumption (SEC), SEC class		A+
Cold climate	kWh/m ² .a	-87.8
Average climate	kWh/m ² .a	-43.3
Warm climate	kWh/m ² .a	-17.9
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	87.9
Moisture recovery efficiency	%	76
Maximum flow rate	m ³ /h	143
Electric power input of the fan drive, including	W	76
Sound power level (LWA)	dB	49
Reference flow rate	m ³ /s	0.028
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.24
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	1.4
External	%	2.5
The annual electricity consumption (AEC)	kWh/100m ² .a	172
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	9096
Average climate	kWh/100m ² .a	4650
Warm climate	kWh/100m ² .a	2103
Integrated pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 537 x 272
Weight	kg	25

Compliance and standards

2009/125/EB: ES 1253/2014, ES 1254/2014, ES 2017/1369, EN 13141-7:2010; 2010/30/ES: ES 1254/2014; 2011/65/ES: EN 50581(2012); 2014/35/ES: EN 60335-1:2012, EN 60335-1:2012/A11:2014.

